FEDERAL PUBLIC SERVICE COMMISSION

COMPETITIVE EXAMINATION-2021
FOR RECRUITMENT TO POSTS IN BS-17
UNDER THE FEDERAL GOVERNMENT

AGRICULTURE & FORESTRY

Roll Number

TIME ALLOWED: THREE HOURS **PART-I(MCQS): MAXIMUM 30 MINUTES**	**PART-I (MCQS) MAXIMUM MARKS = 20** **PART-II MAXIMUM MARKS = 80**

NOTE:
- **(i)** **Part-II** is to be attempted on the separate **Answer Book.**
- **(ii)** Attempt **ONLY FOUR** questions from **PART-II** by selecting **TWO** questions from **EACH SECTION**. **ALL** questions carry **EQUAL** marks.
- **(iii)** All the parts (if any) of each Question must be attempted at one place instead of at different places.
- **(iv)** Write Q. No. in the Answer Book in accordance with Q. No. in the Q.Paper.
- **(v)** No Page/Space be left blank between the answers. All the blank pages of Answer Book must be crossed.
- **(vi)** Extra attempt of any question or any part of the question will not be considered.

PART-II
SECTION-A

Q. No. 2. Discuss the applicability, affordability and effectiveness of Precision Agriculture in prevailing farming systems. **(20)**

Q. No. 3. What changes do you foresee in our farming systems in post climate change era? **(20)**

Q. No. 4. Analyze critically the present sugar and wheat flour crisis, keeping in view its socio economic constraints. **(20)**

Q. No. 5. Describe zero tillage and mechanized tillage, their merits and demerits. Which one you would recommend and why? **(20)**

SECTION-B

Q. No. 6. Discuss different Silvicultural systems suitable for natural as well as manmade forests. **(20)**

Q. No. 7. Explain the advantages of different silvicultural operations needed at different growth stages of forests. **(20)**

Q. No. 8. Desertification is a growing threat. Which climatic and edaphic factors accelerate it and how? **(20)**

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